



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

005001

646.4001

Job Sheet 181949



Part No: 646.4001

Job Qty: 1 ea

Part Name: AS350 Cable Cutter System



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 8/14/18

Job Tracking No:

Due Date: 9/7/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV C1 IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM IPP REV:B 15.01.08 AS PER DWG REV.B
DD VERF:JLM IPP REV:C 16.01.07 AS PER DWG REV.C DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Lead Time	Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier			
90	Start up Operation	1 Ea	9/7/18	9/7/18	0.00	0.00	Start Up Stores/Pkg-1			AUG 16 2018
110	Packaging	1 pcs	9/7/18	9/7/18	0.00	0.00	Packaging1-1			AUG 20 2018
120	QC	1 pcs	9/7/18	9/7/18	0.00	0.00	QC4			AUG 20 2018
130	Packaging	1 pcs	9/7/18	9/7/18	0.00	0.00	Packaging3-1			AUG 21 2018
135	DC	1 pcs	9/7/18	9/7/18	0.00	0.00	DC			AUG 21 2018
140	QC21-FG	1 Ea	9/7/18	9/7/18	0.00	0.00	QC21			AUG 21 2018

Part Op 130 - Identify and pack for shipping as per PPP 646.4001 Location: _____
Descriptions: 135 - Photocopy bluefile & type labels per PPP 646.4001

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
600.0129	VHB Tape	8 ft (8 ea)	90-Start up Operation	5031229
600.0990	Magnabond 6398 Part A Size 112 ml	1 Ea (1 ea)	90-Start up Operation	5078331
600.0991	Magnabond 6398 Part B Size 112 ml	1 Ea (1 ea)	90-Start up Operation	5078333
600.1012	Sealant PR1425B2 (#654 sem)	1 pcs (1 ea)	90-Start up Operation	5075307
600.1013	021200-3M Tape Primer 94 Primer 24216	5 Ea (5 ea)	90-Start up Operation	5066985
646.2910	Deflector	1 Ea (1 ea)	90-Start up Operation	5069573
646.3001	Lower Cable Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	5079987
646.3110	Channel	1 Ea (1 ea)	90-Start up Operation	5059056
646.3210	Support	1 Ea (1 ea)	90-Start up Operation	5065343
646.3301	Upper Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	5079963
646.3510	Strut	1 Ea (1 ea)	90-Start up Operation	5050453
646.3511	Strut	1 Ea (1 ea)	90-Start up Operation	5063686
646.3610	Filler	1 Ea (1 ea)	90-Start up Operation	5043544
646.3710	Doubler	1 Ea (1 ea)	90-Start up Operation	5049669
646.3711	Clip	1 Ea (1 ea)	90-Start up Operation	5038299
646.3712	Clip	1 Ea (1 ea)	90-Start up Operation	5026726
646.3713	Gusset	1 Ea (1 ea)	90-Start up Operation	5046029
646.3714	Gusset	1 Ea (1 ea)	90-Start up Operation	5038834
646.3715	Strut Doubler	2 Ea (2 ea)	90-Start up Operation	5035990
646.3716	Gauge Bracket	1 Ea (1 ea)	90-Start up Operation	5039248
646.3717	Doubler	1 Ea (1 ea)	90-Start up Operation	5026842
646.3718	Custom Washer	2 Ea (2 ea)	90-Start up Operation	5038803

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION		AGAINST DEPARTMENT/PROCESS					
		Rework ☐	Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐			
		Scrap ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐			
		Use-as-is ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐			
Suspected Unapproved ☐		Large Fab ☐	Composite ☐	Supplier ☐					
Date : _____		Step #: _____		QTY Effective : _____				MRB (QSI042) Approval ☐	
Description Work Order Deviation								Completed By _____	
								Lead hand / Supervisor Approval Verification _____	
								QC / QA Coordinator Approval _____	
								Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	
Root Cause								Out of Sequence ☐	
Environment ☐	No Re-verficio ☐	Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Misaligned/off center ☐	
Design ☐	Operator ☐								
Doc/Data ☐	Offset/Setup ☐								
Equip/Tooling ☐	Supplier ☐								
Handling/Pre ☐	Training ☐	Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		OTHER : _____		Misaligned/off center ☐		Misaligned/off center ☐	
Material ☐	Use for Testing ☐								
Internal Transport ☐	Poor Information ☐								
Tribal Knowledge ☐	Rushing ☐								
LOA ☐	Product Improvement ☐	OTHER : _____		OTHER : _____		Misaligned/off center ☐		Misaligned/off center ☐	
Substation ☐	Process Improvement ☐								
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐								

Part: 646,4001
Job No: 181949
Serial No/Batch: S102750
Revision:
Inspector:
Exp Date:
Instructions: FAA STC SR02180LA 08/12/16/16aSTC SH09 - 10 Issue 1, BRAZIL



Container No: S102750



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Hawthorn, VIC 3176
CANADA
TEL: 1 813 632-5200
Email: sales@dartaero.com
www.dartaero.com

646.3719	Doubler	2 Ea (2 ea)	90-Start up Operation	5061543
646.3810	Bracket	2 Ea (2 ea)	90-Start up Operation	5067514
646.3811	Radius Block	1 Ea (1 ea)	90-Start up Operation	5054883
646.3812	Gusset Bracket	2 Ea (2 ea)	90-Start up Operation	5067236
646.3813	AS350 Strut Bracket	1 Ea (1 ea)	90-Start up Operation	5034064
646.3910	Shim	4 Ea (4 ea)	90-Start up Operation	5065272
646.3911	Shim	1 Ea (1 ea)	90-Start up Operation	5041250
646.3912	Shim	4 Ea (4 ea)	90-Start up Operation	5076145
646.3913	Shim	1 Ea (1 ea)	90-Start up Operation	4126060
646.9410	Shim	1 Ea (1 ea)	90-Start up Operation	5140671
647.0112	Strut Bracket	2 Ea (2 ea)	90-Start up Operation	5063624
647.7703	Strut Assembly	2 Ea (2 ea)	90-Start up Operation	5081929
650.9201	Eyelet Bracket Assembly	2 Ea (2 ea)	90-Start up Operation	5092170
AN3-11A	Bolt	10 Ea (10 ea)	90-Start up Operation	5090145
AN3-12A	Bolt	2 Ea (2 ea)	90-Start up Operation	5088376
AN3-13A	Bolt	1 Ea (1 ea)	90-Start up Operation	5038733
AN3-3A	Bolt	4 Ea (4 ea)	90-Start up Operation	5056462
AN3-4A	Bolt	10 Ea (10 ea)	90-Start up Operation	5060062
AN3-5A	Bolt	2 Ea (2 ea)	90-Start up Operation	5041106-1
AN3-6A	Bolt	2 Ea (2 ea)	90-Start up Operation	5048402
AN316C4R	Nut, Jam	2 Ea (2 ea)	90-Start up Operation	5056384X1 5080637X1
AN44-5A	Eyebolt	2 Ea (2 ea)	90-Start up Operation	5065262
AN4C7A	Bolt	2 Ea (2 ea)	90-Start up Operation	5027510
AN665-34R	Clevis	2 Ea (2 ea)	90-Start up Operation	5065264
CCR264SS3-02	Cherry Rivet	36 Ea (36 ea)	90-Start up Operation	5071733
CR3213-5-3	Cherry Rivet	14 Ea (14 ea)	90-Start up Operation	5074204
MS20426AD5-7	Rivet	2 Ea (2 ea)	90-Start up Operation	5153848
MS20470AD5-5.5	Rivet	8 Ea (8 ea)	90-Start up Operation	51134063
MS20470AD5-6	Rivet	8 Ea (8 ea)	90-Start up Operation	5124089
MS20470AD5-7	Rivet	3 Ea (3 ea)	90-Start up Operation	5123425
MS21042L08	Nut	2 Ea (2 ea)	90-Start up Operation	5044234
MS21042L3	Nut	63 Ea (63 ea)	90-Start up Operation	5089390
MS21042L4	Nut	2 Ea (2 ea)	90-Start up Operation	5089365
MS21047-3	Nut Plate	18 Ea (18 ea)	90-Start up Operation	5020620
MS24693-C278	Screw	5 Ea (5 ea)	90-Start up Operation	5065341
MS24694-S51	Screw	5 Ea (5 ea)	90-Start up Operation	5004859
MS24694-S54	Screw	2 Ea (2 ea)	90-Start up Operation	5041925
MS24694-S55	Screw	3 Ea (3 ea)	90-Start up Operation	5050050
MS27039-08-13	Screw	2 Ea (2 ea)	90-Start up Operation	5016508
MS27039-1-10	Screw	2 Ea (2 ea)	90-Start up Operation	5071834
MS27039-1-12	Screw	6 Ea (6 ea)	90-Start up Operation	5049832
MS27039-1-16	Screw	24 Ea (24 ea)	90-Start up Operation	5049833
MS27039-1-19	Screw	22 Ea (22 ea)	90-Start up Operation	5071413
MS27039-1-20	Screw	2 Ea (2 ea)	90-Start up Operation	5000680
MS27039-1-21	Screw	4 Ea (4 ea)	90-Start up Operation	5032684
NAS1149F0332P	Washer	144 Ea (144 ea)	90-Start up Operation	5103666
NAS1149F0363P	Washer	2 Ea (2 ea)	90-Start up Operation	5025330
NAS1149F0432P	Washer	4 Ea (4 ea)	90-Start up Operation	5083558
NAS1149FN832P	Washer	4 Ea (4 ea)	90-Start up Operation	511383369

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	600.0129	8	304	0
	600.0990	1	15	0
	600.0991	1	15	0
	600.1012	1	19	0
	600.1013	5	49	0
	646.2910	1	30	0
	646.3001	1	4	0
	646.3110	1	6	0
	646.3210	1	19	0
	646.3301	1	4	0
	646.3510	1	22	0

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :			
Misidentified ☐	Past Due ☐				

646.3511	1	27	0
646.3610	1	27	0
646.3710	1	53	0
646.3711	1	37	0
646.3712	1	25	0
646.3713	1	20	0
646.3714	1	26	0
646.3715	2	39	0
646.3716	1	43	0
646.3717	1	29	0
646.3718	2	50	0
646.3719	2	42	0
646.3810	2	14	0
646.3811	1	34	0
646.3812	2	8	0
646.3813	1	16	0
646.3910	4	45	0
646.3911	1	26	0
646.3912	4	42	0
646.3913	1	42	0
646.9410	1	104	0
647.0112	2	114	0
647.7703	2	7	0
650.9201	2	25	0
AN3-11A	10	275	0
AN3-12A	2	128	0
AN3-13A	1	123	0
AN3-3A	4	484	0
AN3-4A	10	191	0
AN3-5A	2	428	0
AN3-6A	2	48	0
AN3-7A	2	49	0
AN3-8A	2	19	0
AN3-9A	2	159	0
AN3-10A	2	29	0
AN3-11A	2	237	0
AN3-12A	14	141	0
AN3-13A	2	1,067	0
AN3-14A	8	261	0
AN3-15A	8	1,046	0
AN3-16A	3	155	0
AN3-17A	2	3,152	0
AN3-18A	63	4,275	0
AN3-19A	2	5,856	0
AN3-20A	18	98	0
AN3-21A	5	170	0
AN3-22A	5	179	0
AN3-23A	2	85	0
AN3-24A	3	241	0
AN3-25A	2	203	0
AN3-26A	2	340	0
AN3-27A	6	149	0
AN3-28A	24	179	0
AN3-29A	22	349	0
AN3-30A	2	123	0
AN3-31A	4	34	0
AN3-32A	144	894	0
AN3-33A	2	628	0
AN3-34A	4	2,161	0
AN3-35A	4	2,566	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

REFERENCE ONLY

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NOTES:

1 AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES.

2 INSTALL F/N 14 WITH F/N 52 & 53.

3 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE
VENDOR: MCMASTER-CARR P/N 75935A651.

4 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE.
VENDOR: R.S. HUGHES P/N 021200-24216.

5 REUSE FASTENERS FROM F/N 1.

6 USE WASHERS A/R AS SHIMS TO OBTAIN BEST FITMENT.

7 AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ON TO F/N 1.

8 INSTALL SHIM IF OEM PROVISIONS ARE INSTALLED ON AIRCRAFT. REMOVE SHIM LAYERS TO ACHIEVE CORRECT SIZE. MATCH DRILL HOLES. USE F/N 78 SCREW IN PLACE OF F/N 17 SCREW.

9 NEWER INSTALLATIONS ON AIRCRAFT WITH UPDATED CANOPY MAY REQUIRE DIFFERENT LENGTH SCREWS. USE F/N 62 TO REPLACE F/N 44 & F/N 26 IN PLACE OF F/N 41 WHEN NECESSARY.

UNINCORPORATED ECN(S)

05304

5	5	5	78	601.3875	SCREW	AN3-13A				
1	1	1	77	646.9410	SHIM	AN3-13A				
		4	76	601.2764	WASHER	AN3-13A				
		2	75	601.2973	LOCKNUT	MS21042-08				
		2	74	601.2988	SCREW	MS27039-0813				
		2	73	601.2943	LOCKNUT	MS21042-5				
		2	72	601.3128	NUT	AN316C4R				
		2	71	601.3209	LOCKNUT	MS21042-3A				
		4	70	601.2638	WASHER	AN31149D4520P				
		2	69	601.2669	BOLT	AN4C7A				
		2	68	601.3119	CLEVIS	AN665-34R				
		2	67	601.3121	EYE BOLT	AN44-5A				
		2	66	650.9201	EYE BRACKET ASSY					
REF	REF	REF	65	647.5701	GPS MOUNT KIT	AN3-13A				
		2	64	601.3151	WASHER	AN31149P0363P				
		2	63	601.2911	SCREW	MS24674553				
	24	24	62	601.2637	SCREW	MS27039-1-16				
	2	2	61	601.2763	BOLT	AN3-12A				
		1	60	646.3913	SHIM					
		4	59	646.3912	SHIM					
		1	58	646.3911	SHIM					
		4	57	646.3910	SHIM					
		5	56	600.1013	PRIMER					
	8 FT	8 FT	55	600.0129	VHB TAPE					
		1	54	600.1012	SEALANT	PR-1405 CLASS B				
		1	53	600.0991	MAGNOBOND 639B PART B	AN3-13A				
		1	52	600.0990	MAGNOBOND 639B PART A	AN3-13A				
6	10	10	51	601.2826	BOLT	AN3-11A				
		2	50	646.3614	WIPER BRACKET					
		2	49	601.2910	SCREW	MS27039-1-18				
	2	2	48	601.1365	SCREW	MS27039-1-10				
	2	2	47	646.3719	DOUBLER					
		2	46	646.3718	CUSTOM WASHER					
	1	1	45	646.3717	DOUBLER					
	22	2	44	601.1948	SCREW	MS27039-1-19				
	2	2	43	601.1952	SCREW	MS27039-1-20				
		4	42	601.1956	SCREW	MS27039-1-21				
4006	4005	4004	4003	4002	4001	FIND #	PART #	DESCRIPTION	MATL	SPEC.

REV.	DESCRIPTION	DATE	APPROVED
A	INCORPORATED ECN 02199, 02251, 02718 & 02745	03/08/2010	P. BRAVO
B	INCORPORATED ECN 02046, 02079 & 04731	11/04/2014	P. BRAVO
C	INCORPORATED ECN 03098	09/09/2015	P. BRAVO

		2		2	41	601.2829	SCREW	MS2469455A		
		2		2	40	601.2831	RIVET	MS20470ADS-7		
		1		1	39	646.3716	GAUGE BRACKET			
		6		6	38	601.1953	SCREW	MS27039-1-12		
	2			2	37	646.3715	STRUT DOUBLER			
	2	2		2	36	601.2824	BOLT	AN3-5A		
12	36			36	35	601.2277	RIVET	CCR04453-02		
6	18			18	34	600.0795	NUTPLATE	MS21047-3		
3	3			3	33	601.2565	RIVET	MS20470ADS-7		
1	1			1	32	646.3813	STRUT BRACKET			
4	4			4	31	601.2822	BOLT	AN3-3A		
2	2			2	30	646.3812	GUSSET BRACKET			
8	8			8	29	601.2564	RIVET	MS20470ADS-6		
1	1			1	28	646.3714	GUSSET			
	1	1		1	27	646.3610	FILLER			
	3	3		3	26	601.2830	SCREW	MS2469455B		
	2	2		2	25	601.2825	BOLT	AN3-6A		
	1	1		1	24	646.3811	RADIUS BLOCK			
	1	1		1	23	646.3712	CLIP			
	1	1		1	22	646.3711	CLIP			
	8	8		8	21	601.2832	RIVET	MS20470ADS-6.5		
14	14			14	20	601.2020	RIVET	CR3213-5-3		
4	6	4	6	10	19	601.2823	BOLT	AN3-4A		
	1	1		1	18	601.2827	BOLT	AN3-13A		
	5	5		5	17	601.2912	SCREW	MS24694551		
1	1			1	16	646.3713	GUSSET			
1	1			1	15	646.3210	SUPPORT			
	1	1		1	14	646.3710	DOUBLER			
	1	1		1	13	646.3110	CHANNEL			
14	10	8	53	6	61	12	601.1624	LOCKNUT	MS2104213	
16	32	18	120	16	144	11	601.1607	WASHER	NAS1149F0302P	
				1	10		646.3410	LH WIPER DEFLECTOR		
				1	9		646.3411	RH WIPER DEFLECTOR		
		2		2	8		647.7703	STRUT ASSY		
		2		2	7		647.0112	STRUT BRACKET		
	1	1		1	6		646.3511	STRUT		
	1	1		1	5		646.3510	STRUT		
2		2		2	4		646.3810	BRACKET		
		1		1	3		646.2910	DEFLECTOR		
	1	1		1	2		646.3001	LOWER CUTTER ASSY		
		1		1	1		646.3301	UPPER CUTTER ASSY		
X							646.4006	LOWER CUTTER FIXED PROVISIONS		
	X						646.4005	LOWER CUTTER REMOVABLE PROVISIONS		
		X					646.4004	FIXED PROVISIONS KIT		
			X				646.4003	CABLE CUTTERS KIT WITHOUT FIXED PROVISIONS		
				X			646.4002	AS350 WIPER DEFLECTOR KIT		
					X		646.4001	AS350 CABLE CUTTERS KIT		
4006	4005	4004	4003	4002	4001	FIND #	PART #	DESCRIPTION	MATL	SPEC.

NEXT ASSY (S)		ORIGINAL DATE MAY 04 2010 08:37:06		DART AEROSPACE 3030 ENTERPRISE CT. SUITE A VISTA, CA 92081 (760)-724-5300	
DRAWN BY S. HUFF		CHECKED BY P. BRAVO		APPROVED BY P. BRAVO	
DRAWING APPROVAL P. BRAVO		DESIGNED BY P. BRAVO		CONTRACT NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B 07X12.6	SCALE NONE	SHEET 1 OF 5	

REFERENCE ONLY

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